

Title (en)

FINE BOWL-SHAPED PARTICLE AND PRODUCTION THEREOF

Title (de)

FEINES SCHALENFÖRMIGES TEILCHEN UND SEINE HERSTELLUNG

Title (fr)

FINE PARTICULE EN FORME DE BOL ET PROCEDE DE PRODUCTION CORRESPONDANT

Publication

**EP 0596138 B1 19970502 (EN)**

Application

**EP 93910363 A 19930520**

Priority

- JP 9300662 W 19930520
- JP 12726092 A 19920520

Abstract (en)

[origin: EP0596138A1] A novel, nearly semispherical or semiellipsoidal, fine bowl-shaped particle having a large concavity in the center and absorbing 80-140 ml/g of water; and a process for producing the same by the suspension polymerization of a polymerizable monomer in water in the presence of a cross-linking agent and a hydrophobic liquid. The particle has good slipperiness, adherence and water absorbency. The invention process can provide the particles very easily and permits the size and shape thereof to be regulated readily.

IPC 1-7

**C08F 2/32**; C08F 2/44; C08F 220/14; C08F 212/08; C08F 220/20; C08F 2/18

IPC 8 full level

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CPC (source: EP US)

**C08F 2/18** (2013.01 - EP US); **Y10S 526/909** (2013.01 - EP); **Y10S 526/93** (2013.01 - EP)

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